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## U.S. Department of Commerce Patent and Trademark Office

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Attorney Docket No: 101765.00010(2869/6/)

Serial No.:	_
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INFORMATION DISCLOSURE CITATION

Applicans(s): GETMAN ET AL.

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Sheet 1 of 4			Filing Date: 10/03/20	Filing Date: 10/03/2003			TBA	
			U.S. PATENT	DOCUMENTS				• .
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filin (if app	g Date ropriate
77P	AA	H725	1/1990	Gordon	. 548	533		
1	AB	4,450,164	5/1984	Gordon et al.	424	256		<u> </u>
	AC	4,477,441	10/1984	Boger et al.	424	177		
	AD	4,514,391	4/1985	Gordon et al.	514	2		
	AE	4,548,926	10/1985	Matsueda et al.	514	19		
	AF	4,595,407	6/1986	Carter	71	90		
<b>V</b>	AG	4,599,198	7/1986	Hoover	260	998.2		
TIP	АН	4,616,088	10/1986	Ryono et al.	546	336		
			FOREIGN PATE	NT DOCUMENTS				• •
Examiner			·		Class	Subclass	Trans	slation
Initial							YES	МО
FM	AI	0 104 041	3/1984	EPO	<u> </u>			
1	ĄJ	0 114 993	8/1984	EPO				
	AK	0 172 347	2/1986	EPO	<u>                                     </u>			
	AL	0 223 437	5/1987	EPO				
V	AM	0 264 795	4/1988	EPO	_			
77P	AN	0 342 541	5/1989	EPO				
		OTHER DOCUM	ENTS (including Au	thor, Title, Date, Pertin	ent Pages,	etc.)		
FIP	AO	International Search	Report of PCT/US9	6/02682 dated August 2	1, 1996.			
1	ΑP	Roberts et al., Science	ce, 248, 358 (1990).					
	AQ	Erickson et al., Scien	nce, 249, 527 (1990)	).	<u>-</u>			
	AR	Pearl et al., Nature 3						
$\forall$	AS	Martin, Drugs of the		3), 210-212.			···	
7TP	АТ	Meek et al., Nature,	•		<del></del>	<del></del>		
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

"Copies of references not provided at the time of this submission.

USPTO Form 1449 U.S. Department of Commerce Attorney Docket No: Serial No.: Patent and Trademark Office 101765.00010 (2869/6/) INFORMATION DISCLOSURE TBA **CITATION GETMAN ET AL.** Applicant(s): Sheet 2 of Group: TBA Filing Date: 10/03/03 **U.S. PATENT DOCUMENTS** Examiner Patent No. Date Class Subclass Filing Date Initial (if appropriat 4,634,465 AU 1/1987 71 Ehrenfreund et al. 91 AV. 4,668,769 5/1987 Hoover 530 331 ΑW 4,668,770 5/1987 530 Boger et al. 331 AX 4,757,050 7/1988 Natarajan et al. 514 18 AY 4,880,938 11/1989 Freidinger 548 492 ΑZ 4,977,277 12/1990 Rosenberg et al. 549 215 BA 4,893,530 1/1991 Hemmi et al. 514 **19** . **FOREIGN PATENT DOCUMENTS** Examiner Class Subclass Translation Initial YES NO BB 0 337 714 10/1989 **EPO** BC 0 346 847 12/1989 **EPO** BD 0 356 223 2/1990 **EPO** BE 0 389 898 10/1990 **EPO** BF 0 393 445 10/1990 **EPO** BG 0 393 457 10/1990 **EPO** OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) BH McQuade et al., Science, 274, 454 (1990). BI Rich et al., Pept. Struct. Funct. Am. Pept. Sym. 8th ed. pp. 511-520 (1983).

BI Rich et al., Pept. Struct. Funct. Am. Pept. Sym. 8th ed. pp. 511-520 (1983).

BJ Rosenberg et al., J. Med. Chem., 30, 1224-1228 (1987).

BK Fittkau, J. Prakt. Chem. 315, 1037 (1973).

BL Hirsh et al., N. Eng. J. Med., 328, 1686 (1993).

BM E. E. Gilbert, "Recent Developments in Preparative Sulfonation and Sulfation," Synthesis, 3 (1969).

BN Mitsuya et al., Proc. Natl. Acad. Sci. USA, 83, 1911-15 (1986).

**EXAMINER** 

T. Power

DATE CONSIDERED 6/8/05

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<sup>\*\*</sup>Copies of references not provided at the time of this submission.

U.S. Department of Commerce Patent and Trademark Office USPTO Form 1449 Attorney Docket No: 101765.00010(2869/6/) TBA INFORMATION DISCLOSURE **CITATION** Applicant(s): GETMAN ET AL. Sheet 3 of 4 10/03/03 Group: TBA Filing Date: FOREIGN PATENT DOCUMENTS Examiner Class Subclass Translation Initial YES NO BO 0 402 646 12/1990 **EPO** BP 0 468 641 1/1992 **EPO** BQ 2184730 7/1987 UK BR 2200115 7/1988 UK BS 2209752 5/1989 UK BT 84/03044 8/1984 **WIPO** BU 92/08699 **WIPO** 5/1992 BV 93/13066 7/1993 **WIPO BW** 94/04493 3/1994 **WIPO** BX 94/08458 5/1994 **WIPO** BY 94/10136 5/1994 **WIPO** BZ WO 95 06030 3/1995 **WIPO** CA WO 95 33464 12/1995 **WIPO** 

		OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
7m	СВ	Silcox et al., J. Heterocycl Chem., 4, 166-67 (1967).
1	СС	Cabiddu et al., Synthesis, 797-798 (1976).
	CD	Ncube et al., Tet. Lett, 26, 2345-2348 (1978).
V	CE	Ncube et al., Tet. Lett, 3, 255-256 (1977).
FM	CF	Cole et al., Aust. J. Chem., 33, 675-80 (1980).

Fina T. Powers EXAMINER

DATE CONSIDERED 6/8/05

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INFO	DRMATI	ON DIS	CLOSURE	Application Number	TBA 10/617 129			
STATEMENT BY APPLICANT				Filing Date	October 3, 2003			
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				Group Art Unit	TBA- 1620			
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Sheet	4	of	4	Attorney Docket Number	101765.00010			

U.S. PATENT DOCUMENTS						
Examiner Cite Initials No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant		
Initials *	No.	Number - Kind Code <sup>2</sup> (If known)	MM-DD-YYYY		Passages or Relevant Figures Appear	
IP)	<u> </u>	US - 5,705,500	01-1998	Getman et al.		
<u> </u>		US - 5,985,870	11-1999	Getman et al.		
$\Psi$		US - 6,169,085	01-2001	Getman et al.		
FIP		US - 6,380,188	04-2002	Getman et al.		
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FOREIGN PATENT DOCUMENTS						
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets no --Sheet | 1 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information untess it contains a valid OMB control number. Complete if Known Application Number 10/677,729 Filing Date October 3, 2003 First Named Inventor Daniel P. Getman Art Unit **TBA** Examiner Name **TBA** Attorney Docket Number 101765.00010 (2869/6)

U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
Initials *	Cite No. <sup>1</sup>	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear	
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Examiner Signature	Frona	T.	Powers	Date Considered	6/8/05	

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